



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of : October 7, 2004
Arthur Cantu et al. : Group Art Unit: 3621
Serial No.: 09/814,624 : Examiner: David Q. Le
Filed: March 22, 2001 : San Jose, California
Conf. No.: 6270

RECEIVED
OCT 19 2004
GROUP 3600

Title: METHOD, SYSTEM, AND PROGRAM FOR MANAGING RELATIONSHIPS
AMONG ENTITIES TO EXCHANGE ENCRYPTION KEYS FOR USE IN
PROVIDING ACCESS AND AUTHORIZATION TO RESOURCES

RESPONSE

Commissioner for Patents
Alexandria, VA 22313

Sir:

On July 7, 2004, the Examiner mailed an Office Action (paper 5) for the above-identified application. Claims 1-31 are pending in the application, and all claims were rejected under 35 U.S.C. 102(e) as being anticipated by Ginter (USPN 5892900). Reconsideration of the rejections in light of the remarks below is respectfully requested.

REJECTIONS UNDER 35 U.S.C. 102(e)

In the present Office Action, the Examiner rejects pending claims 1-31 as being anticipated by Ginter. In response, Applicant respectfully traverses the rejections.

Independent claims 1, 12, and 23 each include providing a digital enrollment that is associated with a digital ticket that authorizes access to a resource. In paragraph 3 of the Office Action, the Examiner asserts in reference to Ginter that 'digital enrollment', 'digital ticket' and 'VDE objects' are interchangeable, descriptive terms. Applicant specifically refutes this assertion. The specification very clearly defines the intended meaning of the terms "enrollment" and "ticket", and these terms are not equivalent to each other nor is either

interchangeable with the Ginter "VDE objects" as asserted. An enrollment is a declaration of membership in a subset of the set of members of an organization (page 13 lines 3-4). A ticket is a physical token, digital message portion, or digital data control block which allows certain privileges to the individual or process that holds the ticket (page 13 lines 12-13). The presentation of the digital enrollment causes the presentation of one digital ticket associated with the digital enrollment to a server managing access to a resource to authorize a user presenting the enrollment access to the resource (page 4 lines 23-26, FIG. 4). Different components of the system process the enrollments to provide private and secure access to resources (page 5 lines 1-2).

In contrast, because Ginter did not conceive the separation of enrollment and ticket information and handling as taught and claimed in the present invention, Ginter requires tamper-resistant hardware-based processors (column 1 line 35, column 12 lines 15-29) and a special Rights Operating Systems (column 82 line 55) to maintain permissions and persistent content control information (column 6 lines 57-60, column 15 lines 40-46) and control methods (column 13 line 30) in order to operate. Ginter fails to recognize the benefit of such separation. In column 21 lines 22-24, Ginter admits that "The degree of overall security of the VDE system is primarily dependent on the degree of tamper resistance and concealment of VDE control process execution and related data storage activities."

Ginter clearly fails to each every element of the present invention, thus a valid anticipation rejection cannot be sustained. The remarks above apply not only to the independent claims but also to all dependent claims in the present application, which are patentable for at least the same reasons as the independent claims on which they depend, among others.

Applicant believes all pending claims are allowable and therefore requests this case be allowed by the Examiner. The Examiner is invited to telephone the Applicant's representative at the number below to expedite prosecution of this case.

Respectfully submitted,

Arthur Cantu et al.

By Man D. M. Suman

Marc D. McSwain (#44,929)
Agent for Applicant
(408) 927-3364

**COMMISSIONER FOR PATENTS
ALEXANDRIA, VA 22313**



**Docket No. ARC920000127US1
(PATENT)**

SIR:

Transmitted herewith for filing in the Application of Arthur Cantu et al.

Serial No.: 09/814,624

**Title: METHOD, SYSTEM, AND PROGRAM FOR MANAGING RELATIONSHIPS AMONG
ENTITIES TO EXCHANGE ENCRYPTION KEYS FOR USE IN PROVIDING ACCESS AND
AUTHORIZATION TO RESOURCES**

are the following:

Change of Correspondence
Formal drawing sheet
Amendment after Final Rejection
✓ Response/Amendment
Response to Restriction Requirement
Letter to Drawing Review Branch
Certificate of Correction
Other : *Recordation of Assignment Cover Sheet*

Information Disclosure Statement
Declaration and Power of Attorney
Assignment of the Invention (\$40.00)
Notice to File Missing Parts (\$130.00)
Petition for Extension of Time (\$110.00)
Issue Fee (\$1,290.00)
Notice of Appeal (\$320.00)
Appeal Brief (\$300.00)

✓ **NO ADDITIONAL FEE IS REQUIRED**

RECEIVED
OCT 19 2004

OTHER THAN A SMALL ENTITY	Claims Remaining After Amendment	Highest No. Previously Paid for	Extra	Rate	Additional Fee
SUBTOTAL FROM ABOVE					\$ 0.00
TOTAL CLAIMS	31	31	0	× 18 =	
INDEPENDENT CLAIMS	3	3	0	× 84 =	
MULTIPLE DEP. CLAIM PRESENTED				+280 =	
TOTAL					\$ 0.00

Please charge my Deposit Account No. 09-0441 in the amount of \$0.00. A duplicate copy of this sheet is attached.

✓ The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or any patent application processing fees under 37 CFR 1.17 in association with this communication or credit any overpayment to Deposit Account No. 09-0441. A duplicate copy of this sheet is attached.

CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed with sufficient postage to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit: October 7, 2004

Person mailing paper/fee: Marc D. McSwain

Signature

Marc D. McSwain

Respectfully submitted,
Arthur Cantu et al.

Marc D. McSwain
Marc D. McSwain (#44,929)
Agent for Applicants
Telephone (408) 927-3364
IBM Corporation
Intellectual Property Law
Dept. C4TA/J2B
650 Harry Road
San Jose, CA 95120-6099